

Work Order ID 100095

Thursday, April 18, 2013 8:42:28 AM

100095

Page 1

Item ID: D4063-3 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Hose 10
 Start Date: 4/18/2013 Start Qty: 6.00 ***6*** Cust Item ID:
 Required Date: 4/26/2013 Req'd Qty: 6.00 ***6*** Customer:
 Reference:

Approvals: Process Plan: *MF* Date: *3-4-18* Tooling: Date: Run Start ***NR1***
 QC: Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D4063	a

100 0.00

100

Purchasing

Purchasing

Memo

Issue P/O: *19618*
 Purchase part as per Dwg D4063
 Part #: 193-8
 ***ATTN: ORDER IN UNITS-
 EX. IF W/O IS FOR 6 INDICATE ON PO
 6 PCS OF 24" *****
 Possible Supplier: Stratoflex
 Material release note required

0.00

13-04-18

110

Receive & Inspect for Damage & Mat'l Certs

0.00

110

Packaging

Packaging

Memo

0.00

93/5/24 (10)

QC 6

27

13426

9-101

PTO

NCR: Yes No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: See Pink 13-2569 Date: 13/5/10QA Closed: OK Date: 13/5/10

Work Order: <u>100095</u>	DISPOSITION Rework <input type="checkbox"/> Scrap <input checked="" type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS			
Part No. <u>D4063-3</u>		Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>
NCR No. <u>13-2569</u>		Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>
		Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input checked="" type="checkbox"/>	Other <input type="checkbox"/>
		Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input checked="" type="checkbox"/>	

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data	12-4-2	110	1	part deep at receiving	DAS 16 9-89	part deep end Deshpande	SND 13-4-26	DAS 16 9-89	DAS 16 9-89
Equip/Tooling				part supposed to be cut at 24" and it	05/04/12	NO replace		13/05/10	05/04/12
Operator				he at 20"	13/05/10				13/05/10
Material				Q10					
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabelled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Work Order ID 100095

Thursday, April 18, 2013 8:42:28 AM

100095

Page 2

Item ID: D4063-3

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Hose

Start Date: 4/18/2013 Start Qty: 6.00

6

Cust Item ID:

Required Date: 4/26/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

115

0.00

115

Small Fab

Memo

0.00

Small Fab

CUT TO LENGHT AS PER DWG

9

FF
13-04-24

117

0.00

117

QC

Memo

0.00

Quality Control

AS
21
13430

9

120

0.00

120

QC

Memo

0.00

Quality Control

QC6- Inspect dimensions to drawing

AS
21
13430

9

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric to O/S <input type="checkbox"/> Cracks <input type="checkbox"/> Crushed/Crimped <input type="checkbox"/> Cuffs <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Ripples in Bend <input type="checkbox"/> Torque Waves in Extrusion <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damaged <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drill Holes <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Folio	<input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Maintenance <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Offset <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Outside Dimensions
---	---	---

<input type="checkbox"/> Ovalized <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge	<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 100095

Thursday, April 18, 2013 8:42:28 AM

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Page 3

Item ID: D4063-3

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Hose

Start Date: 4/18/2013 Start Qty: 6.00

6

Cust Item ID:

Required Date: 4/26/2013 Req'd Qty: 6.00

6

Customer:

Reference:

Approvals:

Process Plan:

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

Identify as per dwg & Stock Location: 5251B

0.00

130

Packaging

Memo

0.00

9

1305-01 JB

Packaging

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

13/5/6

13-05-2

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
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Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
<input type="checkbox"/> Crushed/Crimped	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear
<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabelled
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		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

Picklist Print

Thursday, April 18, 2013 8:42:28 AM

Page 1

Work Order ID: 100095

Parent Item: D4063-3

Parent Item Name: Hose

Start Date: 4/18/2013

Required Date: 4/26/2013

Start Qty: 6.00

Required Qty: 6.00

Comments: IPP rev A 10.02.03 new issue Prelim EC verified by: DD IPP Rev:B 10.05.17 as per ECN10-562 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
193-8 Stratoflex		Purchased	No				/	0.0000					

8 10
6/13/14/28 10

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
--	---	---

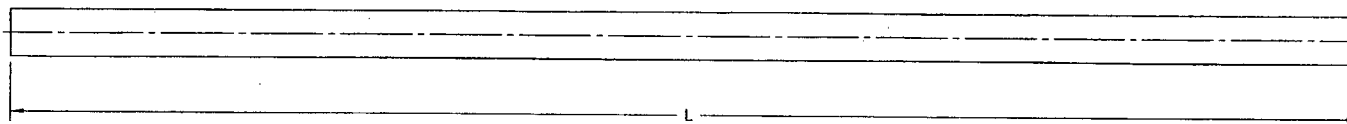
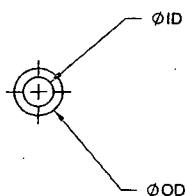
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data									
Equip/Tooling									
Operator									
Material									
Setup									
Other									
Process									
Supplier									
Training									
Unapproved									

FAULT CATEGORY

Landing Gear	General	Other
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete
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<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabelled
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions
		<input type="checkbox"/> Ovalized
		<input type="checkbox"/> Over/Under tolerance
		<input type="checkbox"/> Part Incorrect
		<input type="checkbox"/> Part Lost/Missing
		<input type="checkbox"/> Part Moved
		<input type="checkbox"/> Positioned Wrong
		<input type="checkbox"/> Power Loss/Surge
		<input type="checkbox"/> Pressure/Forced
		<input type="checkbox"/> Temperature/Cure
		<input type="checkbox"/> Weld
		<input type="checkbox"/> Wrong Stock Pulled
		<input type="checkbox"/> Other

DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4063-1	193-6
D4063-3	193-8

SPECIFICATION CONTROL DRAWING



100095

DART PART NUMBER	POSSIBLE SUPPLIER	SUPPLIER PART NUMBER	MATERIAL	MATERIAL SPEC	LENGTH	INSIDE ϕ NOMINAL "ID"	OUTSIDE ϕ NOMINAL "OD"
D4063-1	AVIALL	193-6	SEAMLESS BUNA-N	MIL-H-5593	17.0	0.38	0.60
D4063-3	AVIALL	193-8	SEAMLESS BUNA-N	MIL-H-5593	24.0	0.50	0.75

D4063-X VENT HOSE

RELEASED
2010-05-05
AM

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4063-1/-3" AND B/N USING WHITE FINE POINT PERMANENT INK MARKER
- 7) WEIGHT: 0.11 lbs

A	NEW ISSUE	10.02.05
REV.	DESCRIPTION	BY DATE
DESIGN		
DRAWN		
CHECKED		
MFG. APPR.		
APPROVED		
DE APPR.		
DATE	10.02.05	

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D4063	REV. A
TITLE VENT HOSE	SCALE NTS

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NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT
WRITTEN PERMISSION FROM DART AEROSPACE LTD.

NCR: Yes / No

WORK ORDER NON-CONFORMANCE / UPDATE

DQA: _____ Date: _____

QA Closed: _____ Date: _____

Work Order: _____ Part No. _____ NCR No. _____				DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Work Order Update <input type="checkbox"/>		AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>			
Root Cause	Date	Step	Qty	Description of work order update or Non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Material <input type="checkbox"/>									
Setup <input type="checkbox"/>									
Other <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY									
Landing Gear			General						
<input type="checkbox"/> Bending	<input type="checkbox"/> Bend	<input type="checkbox"/> Grain	<input type="checkbox"/> Ovalized	<input type="checkbox"/> Pressure/Forced					
<input type="checkbox"/> Centre Not Concentric to O/S	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Hardware	<input type="checkbox"/> Over/Under tolerance	<input type="checkbox"/> Temperature/Cure					
<input type="checkbox"/> Cracks	<input type="checkbox"/> Broken/Damaged	<input type="checkbox"/> Inspection Incomplete	<input type="checkbox"/> Part Incorrect	<input type="checkbox"/> Weld					
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<input type="checkbox"/> Cuffs	<input type="checkbox"/> Contamination	<input type="checkbox"/> Maintenance	<input type="checkbox"/> Part Moved	<input type="checkbox"/> Other					
<input type="checkbox"/> Heat Treat	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/> Positioned Wrong						
<input type="checkbox"/> Inspection Strip in Tube	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/> Power Loss/Surge						
<input type="checkbox"/> Ripples in Bend	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Offset							
<input type="checkbox"/> Torque Waves in Extrusion	<input type="checkbox"/> Drawing	<input type="checkbox"/> Out of Calibration							
<input type="checkbox"/> Turning Sequence	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence							
<input type="checkbox"/> Wave/Twist in Tube	<input type="checkbox"/> Folio	<input type="checkbox"/> Outside Dimensions							



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO19618**

Purchase Order Date 4/18/2013

PO Print Date 4/18/2013

Page Number 1 of 2

Order From :

VU-AV1003

AVIALL
PO BOX 842275

DALLAS, TX 75284-2275
USA

Contact Name

Vendor Phone

Vendor Fax

Vendor Account Nbr

905-676-1695

905-676-9046

Buyer

Requisition Nbr

Tax Resale Nbr

Terms

Currency

FOB

Brigitte Golden

10127-2607

Net 30

USD

Destination-Collect

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1	193-6	Stratoflex	4/25/2013 Yes	10.00 each	FedEx PI collect	\$6.0800	\$60.80
		Special Inst:	10 pcs of 24"				
2	193-8	Stratoflex	4/25/2013 Yes	10.00 each	FedEx PI collect	\$10.4200	\$104.20
		Special Inst:	10 PCS OF 24"				
3	156003-6D0102	Hose Assembly	4/25/2013 Yes	10.00 Each	FedEx PI collect	\$125.1900	\$1,251.90
		Special Inst:	PER DWG: D4002 REV: D B100089				
4	156005-6D0213	Hose Assembly	4/25/2013 Yes	10.00 Each	FedEx PI collect	\$144.5300	\$1,445.30

No substitution or deviation without
consent.
Certificate of Conformity or Material
Certification required - YES NO

Change Nbr: 3

Change Date: 4/18/2013



INVOICE



SHIPMENT NBR: 7870925

PAGE: 2
DATE: 04/18/13
TIME: 18:32
EMP#: 22611

CUSTOMER P.O.: 19618

ORDER NUMBER: 0013415252- 7870925

ORDER DATE: 04/18/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USD

B 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADA

S
H I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADA

S 08200
H I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
4	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
							ECCN: 9A991.d	
5	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
							ECCN: 9A991.d	
6	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
							ECCN: 9A991.d	
7	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640141 IN	2	2		0 FT	5.21	10.42
							ECCN: 9A991.d	

CERTIFICATE OF CONFORMANCE

It is hereby certified that Aviall Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at Aviall.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Quality Assurance & Training

04/18/13

Date

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL



INVOICE



SHIPMENT NBR: 7870925

PAGE: 3
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CUSTOMER P.O.: 19618

ORDER NUMBER: 0013415252- 7870925

ORDER DATE: 04/18/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USDB 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS
H
I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS 08200
H
I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
		Country of Origin: U.S.A.						
8	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000	2	2		0 FT	5.21	10.42
		LOT 0413640141 IN Country of Origin: U.S.A.		24				
9	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000	2	2		0 FT	5.21	10.42
		LOT 0413640101 IN Country of Origin: U.S.A.		24				
10	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000	2	2		0 FT	5.21	10.42
		LOT 0413640141 IN Country of Origin: U.S.A.		24				
11	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000	2	2		0 FT	5.21	10.42

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JR Hofmann, Director, Quality Assurance & Training

04/18/13

Date

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SHIPMENT NBR: 7870925

PAGE: 4
DATE: 04/18/13
TIME: 18:32
EMP#: 22611

CUSTOMER P.O.: 19618

ORDER NUMBER: 0013415252- 7870925

ORDER DATE: 04/18/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USDB 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS
H
I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS 08200
H
I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
		LOT 0413640141 IN Country of Origin: U.S.A.		24				
12	10	193-8 HOSE: LOW PRESSURE, RUBBER Schedule B: 4009.31.0000	2	2		0 FT	5.21	10.42
		LOT 0413640141 IN Country of Origin: U.S.A.		24				

*** These commodities, technologies, or software were exported from the United
*** States in accordance with the Export Administration Regulations. Diversion
*** contrary to U.S Law is prohibited.***

***PARTS TOTAL 99.00
TAXES 0.00
FREIGHT 0.00
FUEL SURCHARGE 0.00
TOTAL 99.00
Currency: United States Dollar

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JR Hofmann, Director, Quality Assurance & Training

04/18/13

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CUSTOMER ORIGINAL



INVOICE

PAGE: 2
DATE: 04/18/13
TIME: 20:55
EMP#: 22611

CUSTOMER P.O.: 19618

SHIPMENT NBR: 7871212

ORDER NUMBER: 0013415716- 7871212

ORDER DATE: 04/18/13

SHIP VIA: FED PLAM - COLLECT

ORD TYP: RG
CURRENCY: USDB
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L
T
O
032028
DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
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DART AEROSPACE LTD
1270 ABERDEEN STREET
HAWKESBURY ON K6A 1K7
CANADAS
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O
M
08200
AVIALL CENTRAL WAREHOUSE
2750 REGENT BLVD.
DFW AIRPORT TX 75261-9048
U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
4	10	193-6 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 1012154075 IN Country of Origin: U.S.A.	2	2		0 FT	3.04	6.08
				24				
5	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640101 IN Country of Origin: U.S.A.	2	2		0 FT	5.21	10.42
				24				
6	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640101 IN Country of Origin: U.S.A.	2	2		0 FT	5.21	10.42
				24				
7	10	193-8 HOSE: LOW PRESSURE,RUBBER Schedule B: 4009.31.0000 LOT 0413640101 IN	2	2		0 FT	5.21	10.42
				24				

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AV18 R5-06

JR Hofmann, Director, Quality Assurance & Training

04/18/13

Date

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CUSTOMER ORIGINAL



INVOICE

PAGE: 3
DATE: 04/18/13
TIME: 20:55
EMP#: 22611

CUSTOMER P.O.: 19618

SHIPMENT NBR: 7871212

ORDER NUMBER: 0013415716- 7871212

ORDER DATE: 04/18/13

SHIP VIA: FED P1AM - COLLECT

ORD TYP: RG
CURRENCY: USDB 032028
I
L DART AEROSPACE LTD
L 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS
H
I DART AEROSPACE LTD
P 1270 ABERDEEN STREET
T HAWKESBURY ON K6A 1K7
O CANADAS 08200
H
I AVIALL CENTRAL WAREHOUSE
P 2750 REGENT BLVD.
F DFW AIRPORT TX 75261-9048
R U.S.A.
O M

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
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Country of Origin: U.S.A.

8	10	193-8	2	2		0 FT	5.21	10.42
HOSE: LOW PRESSURE, RUBBER								
Schedule B: 4009.31.0000			ECCN: 9A991.d					

LOT 0413640101 IN
Country of Origin: U.S.A.*** These commodities, technologies, or software were exported from the United
*** States in accordance with the Export Administration Regulations. Diversion
*** contrary to U.S Law is prohibited.***

PARTS TOTAL	66.00
TAXES	0.00
FREIGHT	0.00
FUEL SURCHARGE	0.00
TOTAL	66.00

Currency: United States Dollar

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CUSTOMER ORIGINAL